

Hayve H-FZ1 (FZ1-B)

Hayve FZ1-B Adjustable Microscope Arm Stand User Manual

Model: H-FZ1 (FZ1-B)

1. INTRODUCTION

Thank you for choosing the Hayve Adjustable Microscope Arm Stand. This manual provides essential information for the proper setup, operation, and maintenance of your new microscope arm stand. Please read these instructions carefully before use to ensure optimal performance and longevity of the product.

This stand is designed to enhance your digital microscope experience by providing a stable, flexible, and adjustable mounting solution, allowing for a larger working desktop and ergonomic viewing angles.

2. PRODUCT OVERVIEW AND FEATURES

The Hayve Adjustable Microscope Arm Stand is a robust and versatile accessory for compatible digital microscopes. It features a durable metal construction and a C-clamp design for secure attachment to your workspace.

- **Adjustable Arms:** Two gas spring arms allow for dynamic extension, retraction, and height adjustment, providing a maximum height of 25 inches.
- **Flexible Viewing:** The arms can tilt $\pm 270^\circ$ and support 360-degree rotation, enabling a wide range of viewing angles.
- **Stable Mounting:** Strong C-clamp design ensures a stable connection to your desk.
- **Load Capacity:** Supports microscopes weighing up to 3.5 lbs.
- **Material:** Constructed from solid metal for outstanding durability.



Figure 2.1: The Hayve Microscope Arm Stand with two digital microscopes observing electronic circuit boards, demonstrating its dual-arm capability and application in detailed work.

Provide Larger Working Desktop



Figure 2.2: The microscope arm stand extended over a desk, illustrating how it provides a larger, unobstructed working area beneath the microscope.

Ergonomic Viewing



Figure 2.3: A man standing and comfortably viewing coins through a digital microscope mounted on the Hayve arm stand, highlighting its ergonomic viewing capabilities.

3. COMPATIBILITY

This Hayve Microscope Arm Stand (Model FZ1-B) is specifically designed for digital microscopes with a barrel diameter of 1.65 inches (4.2 cm).

It is compatible with the following Hayve digital microscope models:

- **MS1**
- **MS3**

For other microscope models, please refer to the FZ1-A variant which supports 1.37 inches (3.5 cm) diameter microscopes (DM9, DM4, MS2).

What should I choose?

FZ1-A:

1.37"/3.5cm



For DM9 For DM4 For MS2



FZ1-B:

1.65"/4.2cm



For MS1 For MS3



Figure 3.1: A visual guide detailing the two variants of the Hayve arm stand, FZ1-A and FZ1-B, with their respective barrel diameters (1.37"/3.5cm and 1.65"/4.2cm) and compatible microscope models.

4. SETUP AND INSTALLATION

Follow these steps to install your Hayve Microscope Arm Stand:

- 1. Step 1: Affix the Clamp to Your Table.** Securely attach the C-clamp base to the edge of your desk. Ensure your desk thickness is between 0.4 inches and 1.96 inches for proper fit and stability. Tighten the clamp firmly.
- 2. Step 2: Attach the Bracket Arm on the Clamp.** Insert the base of the arm stand into the clamp and tighten the securing screw.
- 3. Step 3: Attach Microscope Monitor on the Stand.** Carefully insert your compatible digital microscope into the mounting ring at the end of the arm and secure it.

Note: The microscope itself is not included in the package.

Easy to Install



1:Fix the clamp
on the table



2:Mount the bracket arm
on the clamp



3:Mount the Hayve
microscope on the stand

Figure 4.1: A visual representation of the three-step installation process: 1) Fixing the clamp to the table, 2) Mounting the bracket arm onto the clamp, and 3) Attaching the microscope to the stand.

Super Load Bearing Capacity



Desk thickness:
0.4"-1.96"

Figure 4.2: An illustration detailing the maximum load capacity of 3.5 lbs for the stand and the required desk thickness range of 0.4 to 1.96 inches for secure clamping.

5. OPERATING INSTRUCTIONS

Once installed, the Hayve Microscope Arm Stand offers extensive flexibility to position your digital microscope for optimal viewing.

- **Adjusting Height:** The two gas spring arms allow for smooth vertical adjustment. Gently push or pull the arm to achieve the desired height. The stand can reach a height of up to 25 inches.
- **Tilting:** The microscope attachment point can be tilted $\pm 270^\circ$ to angle the microscope screen as needed.
- **Rotating:** The entire arm assembly can rotate 360° around its base, providing full coverage of your workspace.
- **Extending/Retracting:** The articulated arms can be extended or retracted horizontally to bring the microscope closer or further away from your subject.

Always ensure that all adjustment points are securely tightened after positioning your microscope to maintain stability during use.

Work Your Way

Position the monitors Freely



Figure 5.1: The arm stand showcasing its 360-degree rotation capability, allowing users to freely position the microscope monitors over their work.

Full Adjustable Microscope Arm

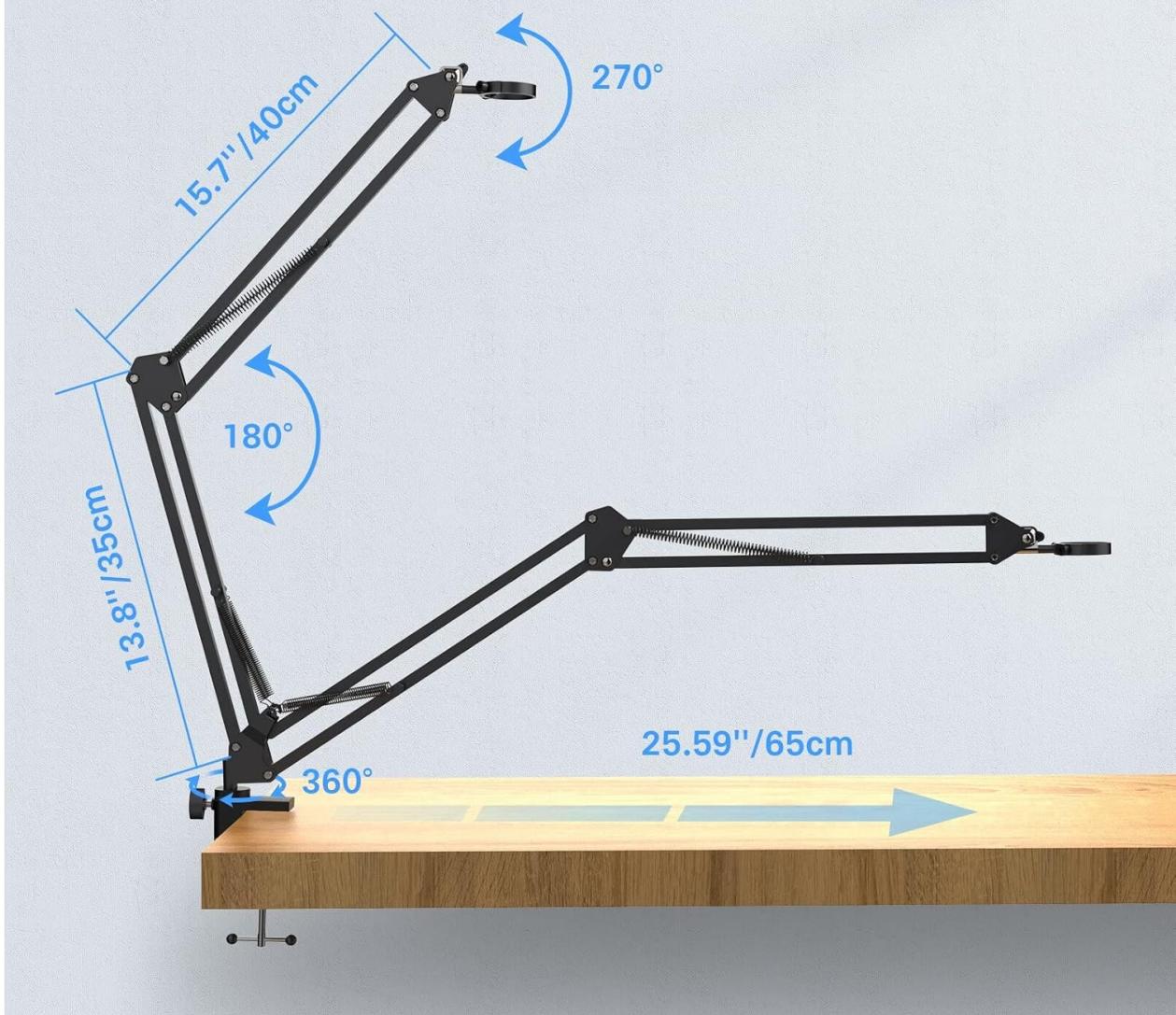


Figure 5.2: A detailed diagram illustrating the full range of motion of the microscope arm, including 270° tilt, 180° swivel, 360° rotation, and maximum height adjustment of 25.59 inches (65 cm).

6. MAINTENANCE

To ensure the longevity and optimal performance of your Hayve Microscope Arm Stand, follow these simple maintenance guidelines:

- **Cleaning:** Wipe the stand with a soft, dry cloth to remove dust and debris. For stubborn marks, a slightly damp cloth can be used, followed by immediate drying. Avoid abrasive cleaners or solvents.
- **Inspections:** Periodically check all screws and clamps to ensure they are tight and secure. Loose connections can affect stability.
- **Lubrication:** The gas spring arms are designed for smooth operation and generally do not require lubrication. If you notice any stiffness, consult customer support.
- **Storage:** When not in use for extended periods, store the stand in a clean, dry environment.

7. TROUBLESHOOTING

If you encounter any issues with your Hayve Microscope Arm Stand, please refer to the following common troubleshooting tips:

- **Stand is unstable/wobbly:**

- Ensure the C-clamp is securely tightened to the desk.
- Verify that the desk thickness is within the recommended range (0.4"-1.96").
- Check that the microscope is properly seated and secured in its mounting ring.
- Confirm that all arm joints are tightened after adjustment.

- **Arm movement is stiff or difficult:**

- Ensure no cables or other objects are obstructing the arm's movement.
- Check if any joint screws are overtightened. Loosen slightly if necessary.

- **Microscope does not fit the mount:**

- Verify the diameter of your microscope's barrel. This FZ1-B model is for 1.65 inches (4.2 cm). If your microscope has a 1.37 inch (3.5 cm) barrel, you may need the FZ1-A model.

If these steps do not resolve your issue, please contact Hayve customer support for further assistance.

8. SPECIFICATIONS

Feature	Specification
Brand	Hayve
Model Number	H-FZ1 (FZ1-B)
Material	Metal
Color	Black
Compatible Microscope Barrel Diameter	1.65 inches (4.2 cm)
Maximum Load Capacity	3.5 lbs
Adjustable Height	Up to 25 inches (65 cm)
Tilt Angle	±270°
Rotation Angle	360°
Compatible Desk Thickness	0.4 inches - 1.96 inches
Item Weight	3.52 pounds (1.6 Kilograms)
Package Dimensions	21 x 6 x 2 inches
UPC	744173818634

9. WARRANTY AND SUPPORT

Hayve is committed to providing high-quality products and customer satisfaction. This microscope arm stand is designed and manufactured to industry standards.

If you have any concerns or questions regarding your purchase, please do not hesitate to contact Hayve customer service. Our team is available to assist you with any product-related inquiries or support needs.

For customer service, please visit the [Hayve Store on Amazon](#) or refer to the contact information provided with your product packaging.

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Related Documents - H-FZ1 (FZ1-B)

<p>4.3-inch Digital Microscope Model: DM7</p>  <p>User Manual V1.0 Please read this user manual carefully and keep it for future reference.</p>	<p><u>Hayve DM7 Digital Microscope User Manual</u> User manual for the Hayve DM7 4.3-inch Digital Microscope. This guide covers setup, operation, specifications, and troubleshooting for the 1600X magnification, 1080p resolution microscope compatible with Windows and Mac OS.</p>
<p>USB 3 in 1 / 2 in 1 Microscope User Manual V2.0</p>  <p>Product & Applicable: A USB camera can be selected, including 10x, 20x, 40x, 60x, 100x, 160x, 200x, 300x, 400x, 600x, 1000x, 1600x, 2000x, 3000x, 4000x, 6000x, 10000x, 16000x, 20000x, 30000x, 40000x, 60000x, 100000x, 160000x, 200000x, 300000x, 400000x, 600000x, 1000000x, 1600000x, 2000000x, 3000000x, 4000000x, 6000000x, 10000000x, 16000000x, 20000000x, 30000000x, 40000000x, 60000000x, 100000000x, 160000000x, 200000000x, 300000000x, 400000000x, 600000000x, 1000000000x, 1600000000x, 2000000000x, 3000000000x, 4000000000x, 6000000000x, 10000000000x, 16000000000x, 20000000000x, 30000000000x, 40000000000x, 60000000000x, 100000000000x, 160000000000x, 200000000000x, 300000000000x, 400000000000x, 600000000000x, 1000000000000x, 1600000000000x, 2000000000000x, 3000000000000x, 4000000000000x, 6000000000000x, 10000000000000x, 16000000000000x, 20000000000000x, 30000000000000x, 40000000000000x, 60000000000000x, 100000000000000x, 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 <p>4.3-inch Digital Microscope Mode: MK5</p> <p>User Manual V1.0 Please read the instructions carefully and keep them for future reference.</p>	<p>4.3-inch Digital Microscope MK5 User Manual</p> <p>User manual for the MK5 4.3-inch Digital Microscope, covering parts description, interface functions, PC connectivity, and specifications. Learn how to use your digital microscope for photography, video recording, and PC connection.</p>
 <p>4.3-inch Digital Microscope Mode: DM7</p> <p>User Manual V1.0 Please read the user manual carefully and keep it for future reference.</p>	<p>Hayve DM7 Digital Microscope User Manual</p> <p>User manual for the Hayve DM7 4.3-inch Digital Microscope. This guide covers setup, operation, specifications, and troubleshooting for the 1600X magnification, 1080p resolution microscope compatible with Windows and Mac OS.</p>